

IN THE SPECIFICATION

Page 1, amend the first - third paragraphs to read:

--CROSS REFERENCE TO RELATED APPLICATION

This application relies for priority on a prior filed provisional application, filed March 15, 2001, and assigned Appln. No. 60/275,711, and is a divisional application of application No. 10/066,789.

BACKGROUND OF THE INVENTION

1. Field of the Invention

The invention relates to a cable bushing for a measuring probe.

2. Background Discussion

Measuring probes, for example pressure measuring probes, are frequently used by introducing them into a container on a cable for example. The cable is used here to form an electrical connection to the measuring probe and for its mechanical attachment. Particularly suitable for this are cables which have on the outside a metallic shield which is surrounded, or example, by a plastic. The supply lines and/or signaling lines can then lead in the interior of the shield, protected against external influences to the probe.--

Page 2, amend the second complete paragraph to read:

--Summary of the Invention

An object of the invention is to ~~disclose~~ provide a cable bushing for a probe which is as small, simple and cost-effective as possible.--

Page 5, amend the third and last paragraphs to read:

--Brief Description of the Drawings

Fig. 1 shows a schematic view of a cable bushing having a first sleeve which is welded to a cable, in which a seal is arranged between the housing and the first sleeve;--

--Description of the Preferred Embodiments

Fig. 1 shows a schematic view of a cable bushing according to the invention for a probe. It has an essentially cylindrical housing 1 through which a cable 3 is guided.--

Page 9, amend the last two paragraphs to read:

--In the exemplary embodiment illustrated in Fig. 3, the step in the housing 1 has a conical inner casing surface 29 whose diameter decreases in the direction of the first end of the housing 1. The first sleeve 11 is composed of an elastomer, for example of a rubber, and the first section 13 of the first sleeve 11 has a conical region 31 which is ~~conformal~~ conforming with the conical inner casing surface 29. The first sleeve 11 is pressed by the ring nut 23 against the step in the housing 1 in such a way that the conical region 31 of the step 11 is forced into the conical casing surface 29 of the housing 1, and the first sleeve 11 bears in a seal-forming fashion against the housing 1 and against the cable 3.

Here too, a spring 27 is provided between the ring nut 23 and the second sleeve 17, said spring 27 ensuring that, even when there are different degrees of thermal expansion of the individual components of the cable bushing, a sufficient force is always exerted on the first sleeve 11 in the direction facing the step, in order to ensure the seals between the sleeve 11 and the cable 3 and between the sleeve ~~1~~ 11 and the housing 1.--